SYSTEM AND METHOD FOR POLICING MULTIPLE DATA FLOWS AND MULTI-PROTOCOL DATA FLOWS

ABSTRACT

A system and method for policing one or more flows of a data stream

5   of packets associated with differing transmission protocols. The current capacity
level for each flow is determined, as is the packet protocol associated with each
packet. A packet parameter in the packet that is indicative of the bandwidth
consumption of the packet is identified. The packet parameter is converted to a
predetermined format if the packet is not associated with a predetermined packet

10   protocol. A common bandwidth capacity test is performed to determine whether the
packet is conforming or non-conforming, and is a function of the packet parameter
and the current bandwidth capacity level.